

## **REMARKS**

### **I. Status of Claims**

Claims 1-54 are pending in this application. By this Amendment, claims 1, 18, 33, and 38 have been amended. Applicants respectfully request reconsideration and withdrawal of the rejections in view of the above amendments and the following remarks.

Entry of the above amendments after final rejection is proper under 37 C.F.R. §1.116 because the amendments do not raise new issues requiring further search and because the amendments put the claims in better condition for appeal. Accordingly, entry of the amendments after final rejection is respectfully requested.

### **II. Rejection of Claims 33-35, 37-41, 43, and 50-54 under 35 U.S.C. §103(a)**

Claims 33-35, 37-41, 43, and 50-54 have been rejected under 35 U.S.C. §103(a) over U.S. Patent No. 5,754,854 to Kanamori et al. (hereinafter 'Kanamori'). This rejection is respectfully traversed.

Applicants respectfully submit that even if modified as suggested in the Office Action, Kanamori fails to show all of the features of the invention of independent claims 33 and 38. Specifically, with regard to claim 33, Kanamori fails to disclose a central data store containing shared resource data configured to be shared by multiple client applications. Kanamori further fails to disclose a central data server for managing and maintaining the shared resource data and establishing a communications link between the central data store and any of the multiple client applications and an update communications server for obtaining the shared resource data from a resource source.

Kanamori provides a system for sharing data between multiple applications by creating multiple copies of resources to be used by client applications. Specifically, Kanamori provides a group of parallel resources as a proxy for a single shared resource. See Abstract, lines 1-2. Instead of allowing applications to directly access one copy of a resource source, applications such as transferee programs 252 of Kanamori, request data directly from other applications such as transferor programs 251 of Kanamori. See Column 5, lines 24-32 of Kanamori. A resource proxying facility 261 causes a resource management subsystem 241 and a message passing subsystem 242 to produce proxies of shared resources whenever a transferee program attempts to

locate a putatively global resource. See Column 5, lines 33-38. The system of Kanamori is useful for addressing incompatibilities between a transferor program and a transferee program that prevent sharing of global resource data.

The Office Action refers to the transferee program as a central data server, the operating system as a central data store, and the transferor program as an update communications server. The Office Action additionally refers to a general mention in Kanamori of “spreadsheet programs” as client applications. Applicants note that in Kanamori, the transferor program and the transferee programs are client applications. No client applications other than the transferee program and the transferor program are involved in the method of accessing data disclosed in Kanamori. The Office Action appears to be equating the transferee program with both the “central data server” and the “multiple client applications”. However, claim 33 clearly defines the central data server and the multiple client applications as separate components of the invention having separate and distinct functions.

Accordingly, with respect to claim 33, the transferee program does not provide a “central data server” that “establishes a communications link between the central data store and any of the multiple client applications” and further does not disclose “a central data store adapted to communicate at least a portion of the shared resource data to any of the multiple client applications over the communications link”.

Furthermore, Kanamori fails to disclose a central data store that contains “shared resource data” where the central data store is “adapted to communicate at least a portion of the shared resource data to any of the multiple client applications over the communications link” created by the central data server. In Kanamori, the operating system does not share resources with any one of multiple client applications over a communications link created by the transferee program. Claim 33 requires this functionality and the functionality is not found anywhere in the system in Kanamori.

The Office Action further states that it would have been obvious to create “a communication link between the central data store and client applications because the central data server is one of the communicating programs.” In order to establish a prima facie case of obviousness, the Office Action must show all of the claimed elements in the prior art. The Office Action has failed to produce a reference showing a central data server that creates a communication link between a central data store and multiple client applications. The Office

Action has further not alleged or provided a showing that such a feature is known in the art. Applicants respectfully request such a showing or reference.

Additionally, no motivation would have existed for making the modification suggested in the Office Action. The Office Action is equating the central data server with the transferee program. The transferee program does not need to create a communications link between the operating system and any of multiple client applications. Only the transferor program and transferee programs can be viewed as client applications in the system of Kanamori. No other client applications take part in the system of Kanamori.

With regard to independent claim 38, the rejection is not entirely understood. While the rejection is a rejection under 35 U.S.C. §103, the Office Action has not specified what feature Kanamori lacks and what modification is required in order to arrive at the claimed invention. However, applicants note that Kanamori lacks several features of claim 38 and accordingly, the Office Action fails to establish a prima facie case of obviousness.

Specifically, Kanamori fails to disclose a method including “obtaining a single shared copy of resource data from a source of resource data, the single shared copy configured to allow sharing of resource data by multiple client applications. Kanamori further fails to disclose “processing the resource data requests by sharing the single shared copy of the resource data with any one of the multiple client applications making a request for resource data.” Kanamori further fails to provide any motivation to include such features. In particular, Kanamori teaches away from providing a “single shared copy” and instead provides multiple copies of data for sharing. Kanamori teaches maintaining individual copies of requested resource data within the memory space of multiple transferees. See Column 6, lines 33-37 and Column 7, lines 48-52 and 56-57.

As set forth above, Kanamori fails to render obvious independent claims 33 and 38. Claims 34, 35, and 37 depend from claim 33 and are allowable over the art of record for at least the reasons set forth above with respect to claim 33. Claims 43 and 50-54 depend from claim 38 and are therefore allowable over the art of record for at least the reasons set forth above with respect to claim 38. Accordingly, applicants respectfully submit that claims 33-35, 37-41, 43, and 50-54 are allowable over the art of record and withdrawal of the rejection is respectfully requested.

**III. Rejection of Claims 1-8, 13-18, 36, 42, 44, and 45 under 35 U.S.C. §103(a)**

Claims 1-8, 13-18, 36, 42, 44, and 45 have been rejected under 35 U.S.C. §103(a) over Kanamori in view of U.S. Patent No. 5,706,462 to Matousek. This rejection is respectfully traversed.

Even if combined, the references fail to disclose each and every feature of the claimed invention. With regard to independent claim 1, Kanamori fails to disclose “storing a single shared copy of resource data to be utilized by any of the two or more applications, wherein the single shared copy is configured to allow sharing in order to avoid duplication of resources”. Kanamori further fails to disclose processing resource data requests by “accessing and utilizing the single shared copy of the resource data” and “communicating the processed resource data to respective applications.”

Matousek fails to obviate the deficiencies of Kanamori. Matousek does not disclose any of the features set forth above. Furthermore, while Matousek allows applications to access the operating system, it does not suggest that two or more applications can access a single shared copy of resource data that was obtained from a resource source such as an operating system.

Additionally, no motivation would have existed to modify Kanamori with the disclosure of Matousek. As set forth above, Kanamori is specifically directed to creating multiple copies of data for use by different applications and would have found it unnecessary to allow two or more applications to access a single shared copy to avoid duplication of resources.

With regard to independent claim 18, as set forth above with respect to claim 1, even if combined, the references fail to disclose the claimed features. In particular, the references fail to disclose “obtaining a single shared copy of the font resource data, the single shared copy being configured to allow sharing by the multiple instances of SDI applications.”

Claims 2-8, and 13-17 depend from claim 1. Claim 36 depends from independent claim 33 and claims 42, 44, and 45 depend from independent claim 38. Accordingly, these dependent claims are allowable over the art of record for at least the reasons set forth above with regard to the respective independent claims. Withdrawal of the rejection is therefore respectfully requested.

**IV. Rejection of Claims 9-12, 19-32, and 46-49 under 35 U.S.C. §103(a)**

Claims 9-12, 19-32, and 46-49 have been rejected under 35 U.S.C. §103(a) over Kanamori in view of Matousek and U.S. Patent No. 5,539,428 to Bril. This rejection is respectfully traversed.

Bril fails to obviate the deficiencies of Kanamori and Matousek as set forth above. All of claims 9-12, 19-32, and 46-49 depend from the independent claims discussed above.

Accordingly, these claims are allowable over the art of record for at least the reasons set forth above with regard to the respective independent claims. Accordingly, withdrawal of the rejection is respectfully requested.

**V. Response to Examiner's Remarks**

Applicants have amended the claims in accordance with the guidance provided in the Examiner's remarks. On page 8 of the Office Action, the Examiner notes that applicants have argued that Kanamori does not disclose sharing resources without creating multiple copies of those resources. In response, the Examiner notes on page 9, first paragraph, that this feature and other features pertinent to the applicants' arguments are not contained within the pending claims. Applicants respectfully submit that the amended claims include these features.

**VI. Conclusion**

Applicants believe that all claims are now in condition for allowance and withdrawal of all rejections is respectfully requested.


If the Examiner believes that a telephone conversation would advance the prosecution of this application, he is invited to contact the undersigned at the telephone number listed below.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version With Markings to Show Changes Made."

The Commissioner is hereby authorized to charge any additional fees that are required or credit any overpayment to Deposit Account No. 19-2112.

Respectfully submitted,

Date: July 7, 2003



Kerry H. Owens

Reg. No. 37,412

SHOOK, HARDY & BACON LLP

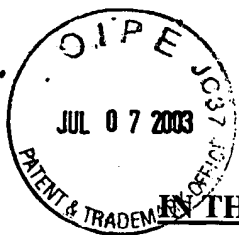
One Kansas City Place

1200 Main Street

Kansas City, Missouri 64105-2118

Tel.: (816) 474-6550

Fax: (816) 421-5547



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

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IN THE CLAIMS:

Claims 1, 18, 33, and 38 have been amended.

1. (Twice Amended) A method in a computer system for sharing system resource data between two or more applications running as separate processes, said method comprising:

obtaining resource data from a source of system resources and storing a single shared copy of the resource data to be utilized by each of the two or more applications, wherein the single shared copy is configured to allow sharing in order to avoid duplication of resources;

receiving one or more resource data requests from the applications;

processing the resource data requests by accessing and utilizing the single shared copy of the resource data; and

communicating the processed resource data to the respective applications.

18. (Twice Amended) A method for sharing graphics device interface (GDI)/font resource data between multiple instances of single document interface applications, said method comprising:

obtaining a single shared copy of the GDI/font resource data, the single shared copy being configured to allow sharing [to be shared with at least two of] by the multiple instances of SDI applications;

receiving font data process requests from the SDI applications;

processing the font data requests using the shared copy of the GDI/font resource data; and communicating the processed font data to the SDI applications.

33. (Twice Amended) A cross-process resource sharing system, said system comprising:

[a central data server for acquiring and processing requested resource data;]

a central data store containing shared resource data, the shared resource data configured to be shared by multiple client applications[, wherein said central data server establishes a communications link between said central data store and a client application];

a central data server for maintaining and managing the shared resource data and for establishing a communications link between said central data store and any of the multiple client

applications, wherein said central data store [contains shared system resource data and] is adapted to communicate at least a portion of the [system] shared resource data to any of the multiple client applications over the communications link in response to resource data requests from [the] any of the requesting multiple client applications; and

an update communications server connected to said central data server, said update

- communications server being further connected to a resource source to provide a communications link between said central data server and the resource source in order to acquire and process resource data from the resource source.

38. (Twice Amended) A computer-readable medium having computer-executable instructions for performing steps comprising:

obtaining a single shared copy of resource data from a source of resource data, the single shared copy configured to allowing sharing of resource data by multiple client applications;

receiving data process requests from [one or more] any of multiple client applications;

processing the resource data requests by sharing the single shared copy of the resource data with any one of the multiple client applications making a request for resource data; and

communicating the processed resource data to the [respective applications] requesting application.